

**CHHATTISGARH MEDICAL SERVICES CORPORATION  
LIMITED**

**(Government of Chhattisgarh)**

**Tender**

**For**

**Construction of 50 bedded MCH wing at Bhaiyathan (C.G.),  
under National Rural Health Mission scheme**

**Tender Drawings**

**VOLUME-VI**

**February' 2014**



**HSCC (INDIA) LTD.  
(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)  
E-6(A), sector-1, NOIDA(U.P) 201301 (India)**

Phone : 0120-2542436-40

Fax : 0120-2542447

**Tender No. HSCC/NRHM/CG./2014 (IV) /09**

ARCHITECTURE  
DRAWINGS

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NOTES

DOOR AND WINDOW SCHEDULE

S.No	NAME	SIZE	CILL	LINTEL	REMARKS
1	TD	800X2150	000	2150	
2	D1	1000X2150	000	2150	
3	D2	1500X2150	000	2150	DOUBLE SHUTTER
4	D3	2000X2150	000	2150	DOUBLE SHUTTER
5	D4	1350X2150	000	2150	DOUBLE SHUTTER
RS		2760X3000	000	3000	BEAM BOTTOM
G1		8650X3000	0/150	3000	BEAM BOTTOM
G2		5600X3000	0/150	3000	BEAM BOTTOM
W1		5600X2100	900	3000	BEAM BOTTOM
W2		1800X2100	900	3000	
W3		2500X2100	900	3000	
W4		920X2100	900	3000	
W5		1500X2100	900	3000	
W6		1200X2100	900	3000	
F1		1500X2100	900	3000	
V1		600X600	1550	2150	

REV	DATE	DESCRIPTION

**PROJECT**  
 RMNCH PROJECT  
 Proposed 50 Bedded Hospital at CHATTISGARH

**TITLE**  
 GROUND FLOOR PLAN  
 (COVERED AREA=2050 SQ. MT.)

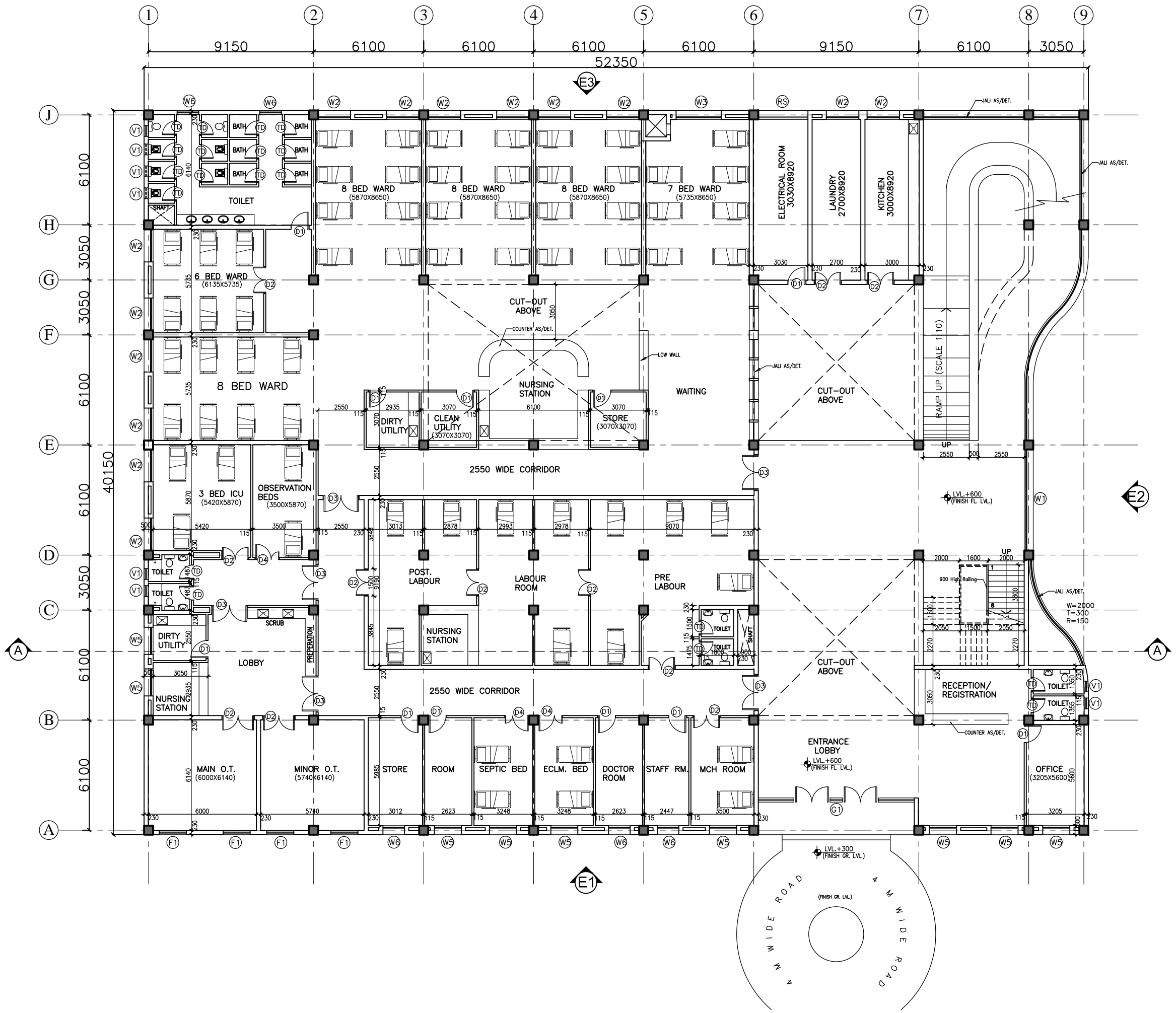
**TENDER DRAWING (ARCH.)**

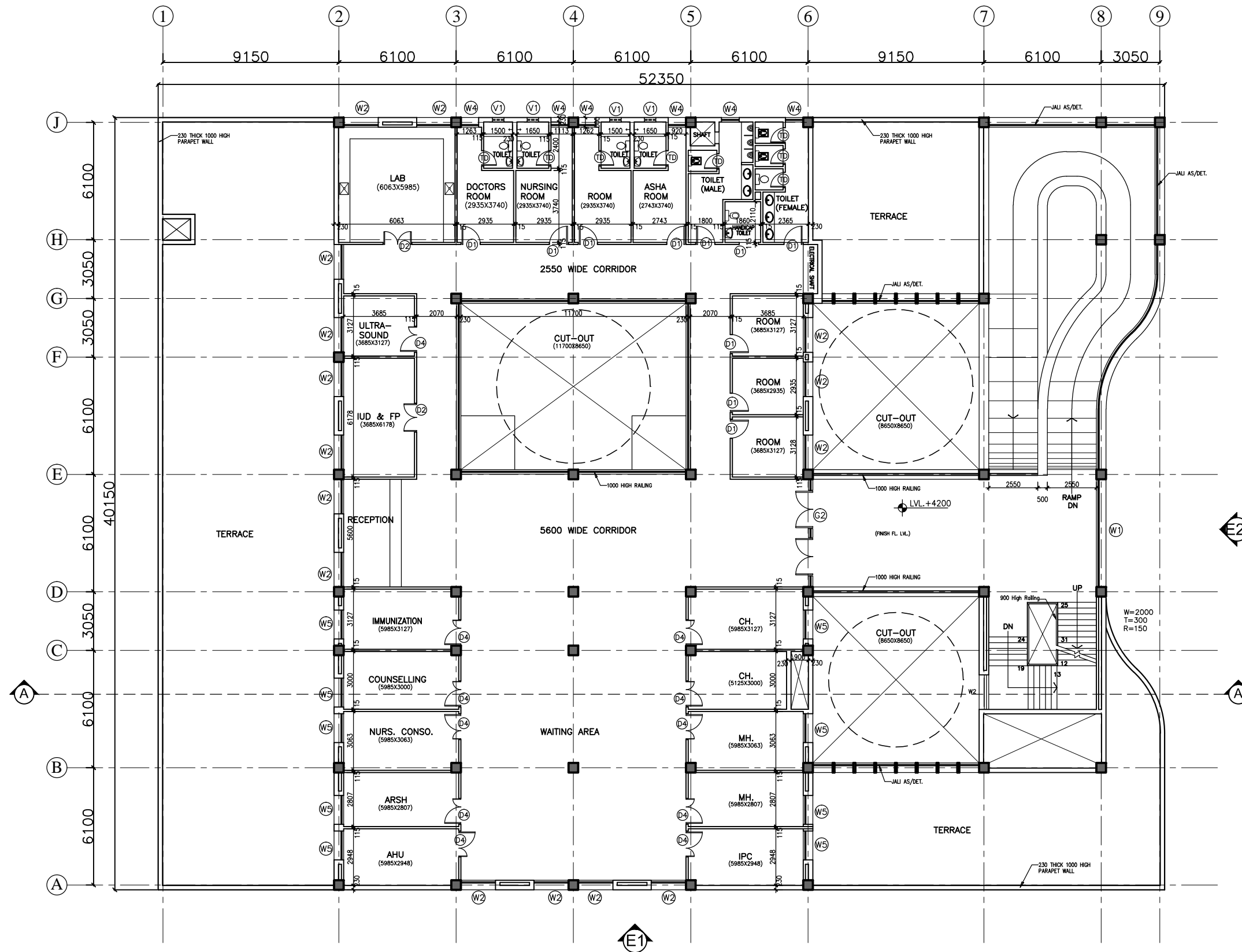
HSCC/CHATTISGARH/TD/002 R-0  
 Drawing No. Rev.

HSCC/- 1:100 01-04-2013  
 Job No. Scale Date

App by Rev. by Prep. by

HSCC (INDIA) LIMITED  
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**HSCC**  
 NEW DELHI INDIA





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NOTES

DOOR AND WINDOW SCHEDULE

S.No	NAME	SIZE	CILL	LINTEL	REMARKS
1	D1	800X2150	000	2150	
2	D1	1000X2150	000	2150	
3	D2	1500X2150	000	2150	DOUBLE SHUTTER
4	D3	2000X2150	000	2150	DOUBLE SHUTTER
5	D4	1350X2150	000	2150	DOUBLE SHUTTER
RS		2760X3000	000	3000	BEAM BOTTOM
G1		8650X3000	0/150	3000	BEAM BOTTOM
G2		5600X3000	0/150	3000	BEAM BOTTOM
W1		5600X2100	900	3000	BEAM BOTTOM
W2		1800X2100	900	3000	
W3		2500X2100	900	3000	
W4		920X2100	900	3000	
W5		1500X2100	900	3000	
W6		1200X2100	900	3000	
F1		1500X2100	900	3000	
V1		600X600	1550	2150	

REV	DATE	DESCRIPTION
REVISION		

**PROJECT**  
 RMNCH PROJECT  
 Proposed 50 Bedded Hospital at CHATTISGARH

**TITLE**  
 FIRST FLOOR PLAN  
 (COVERED AREA=1035 SQ. MT.)

**TENDER DRAWING (ARCH.)**

HSCC/CHATTISGARH/TD/003 R-0  
 Drawing No. Rev.

HSCC/- 1:100 01-04-2013  
 Job No. Scale Date

App by Rev. by Prep. by

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 NEW DELHI INDIA

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NOTES

S.No	NAME	SIZE	CILL	LINTEL	REMARKS
1	TD	800X2150	000	2150	
2	D1	1000X2150	000	2150	
3	D2	1500X2150	000	2150	DOUBLE SHUTTER
4	D3	2000X2150	000	2150	DOUBLE SHUTTER
5	D4	1350X2150	000	2150	DOUBLE SHUTTER
RS	2760X3000	000	3000		BEAM BOTTOM
G1	8650X3000	0/150	3000		BEAM BOTTOM
G2	5600X3000	0/150	3000		BEAM BOTTOM
W1	5600X2100	900	3000		BEAM BOTTOM
W2	1800X2100	900	3000		
W3	2500X2100	900	3000		
W4	920X2100	900	3000		
W5	1500X2100	900	3000		
W6	1200X2100	900	3000		
F1	1500X2100	900	3000		
V1	600X600	1550	2150		

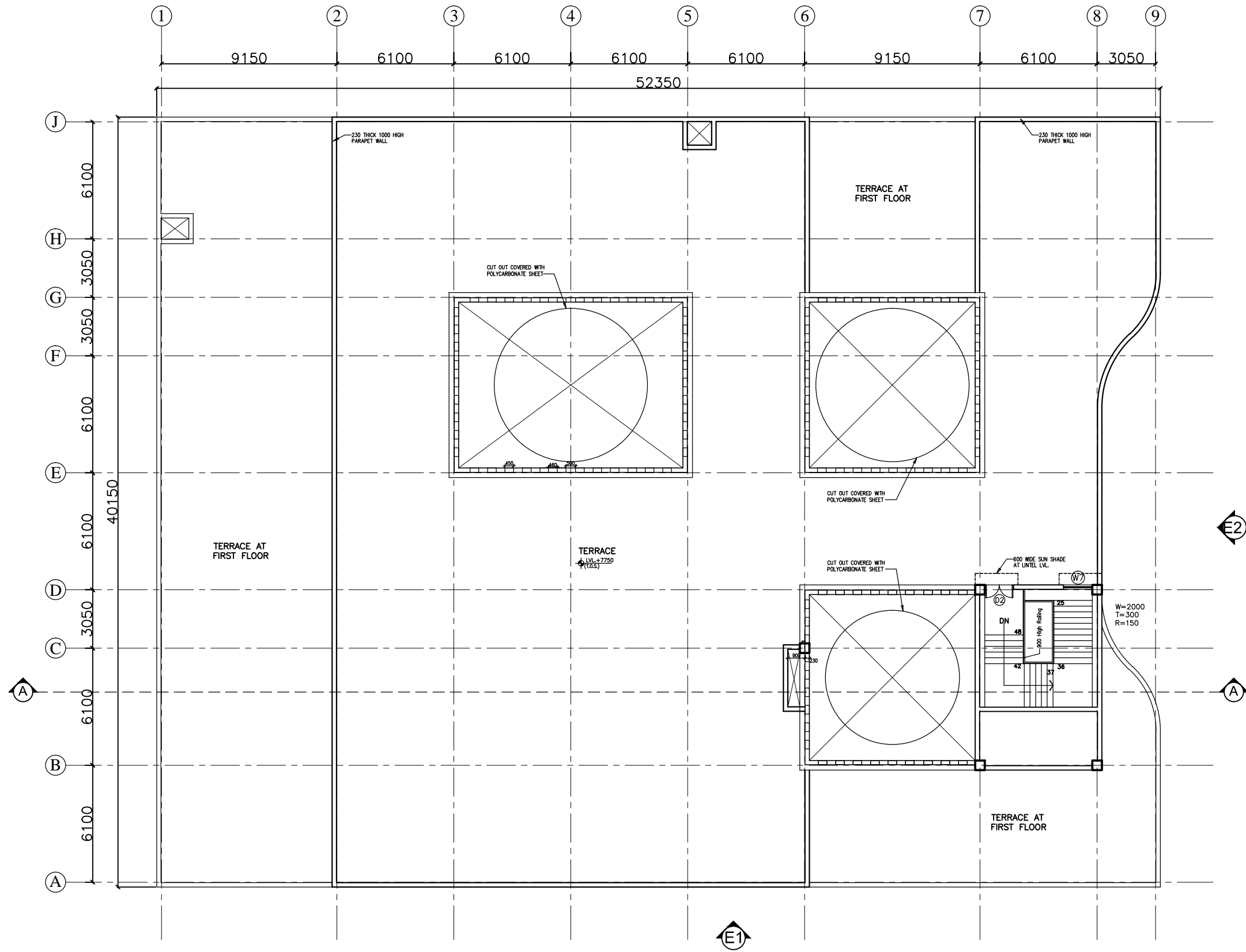
REV	DATE	DESCRIPTION
REVISION		

**PROJECT**  
 RMNCH PROJECT  
 Proposed 50 Bedded Hospital at CHATTISGARH

**TITLE**  
 TERRACE PLAN  
**TENDER DRAWING (ARCH.)**

HSCC/CHATTISGARH/TD/004 R-0  
 Drawing No. Rev.  
 HSCC/- 1:100 01-04-2013  
 Job No. Scale Date  
 App by Rev. by Prep. by

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NOTES

DOOR AND WINDOW SCHEDULE

S.No	NAME	SIZE	CILL	LINTEL	REMARKS
1	TD	800x2150	000	2150	
2	D1	1000x2150	000	2150	
3	D2	1500x2150	000	2150	DOUBLE SHUTTER
4	D3	2000x2150	000	2150	DOUBLE SHUTTER
5	D4	1350x2150	000	2150	DOUBLE SHUTTER
RS	2760x3000	000	3000		BEAM BOTTOM
G1	8650x3000	0/150	3000		BEAM BOTTOM
G2	5600x3000	0/150	3000		BEAM BOTTOM
W1	5600x2100	900	3000		BEAM BOTTOM
W2	1800x2100	900	3000		
W3	2500x2100	900	3000		
W4	920x2100	900	3000		
W5	1500x2100	900	3000		
W6	1200x2100	900	3000		
F1	1500x2100	900	3000		
V1	600x600	1550	2150		

REV	DATE	DESCRIPTION
REVISION		

**PROJECT**  
 RMNCH PROJECT  
 Proposed  
 50 Bedded Hospital  
 at NAGARI,  
 CHATTISGARH

**TITLE**  
 ELEVATIONS & SECTION

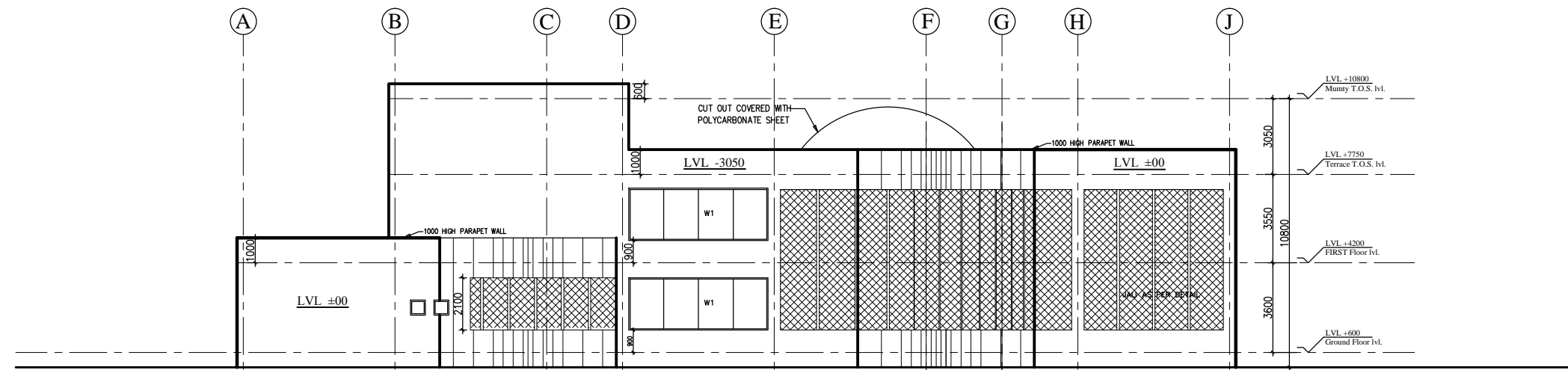
**TENDER DRAWING (ARCH.)**

HSCC/NAGARI/TD/005 R-0  
 Drawing No. Rev.

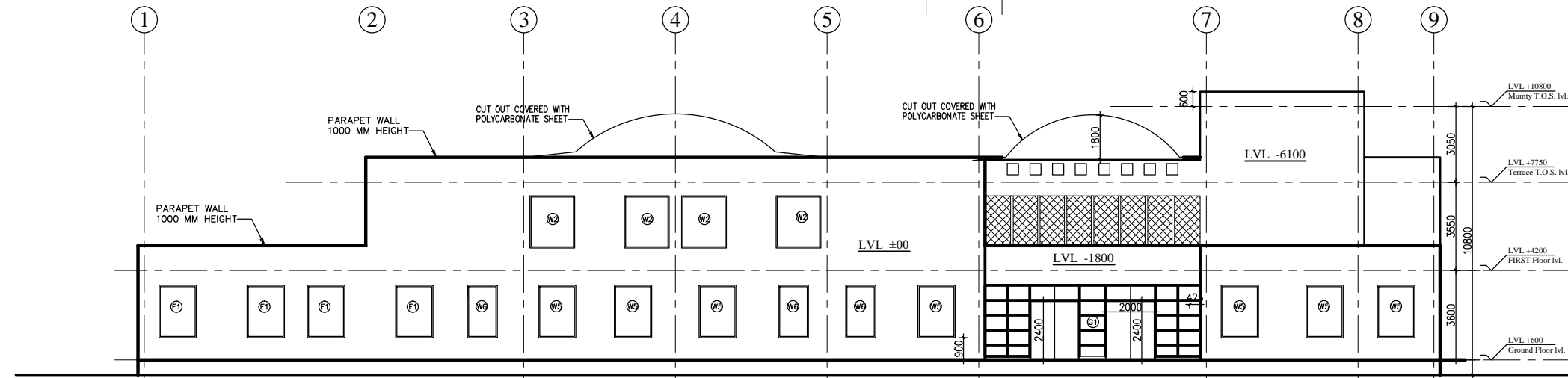
HSCC/- 1:100 12-04-2013  
 Job No. Scale Date

App by Rev. by Prep. by

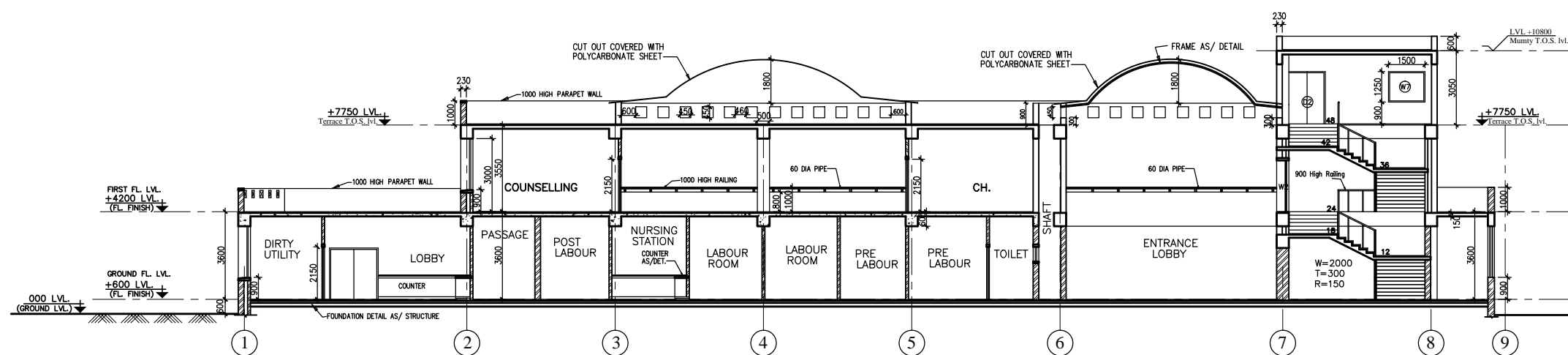
HSCC (INDIA) LIMITED  
 (A GOVERNMENT OF INDIA ENTERPRISES)  
**HSCC**  
 NEW DELHI INDIA



ELEVATION-E2



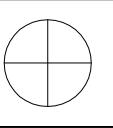
ELEVATION-E1



SECTION A-A

**STRUCTURE**

**DRAWINGS**



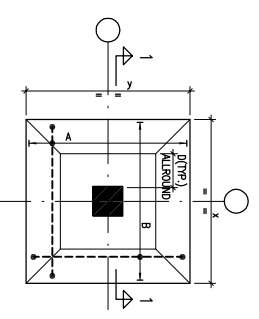
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**NOTES**

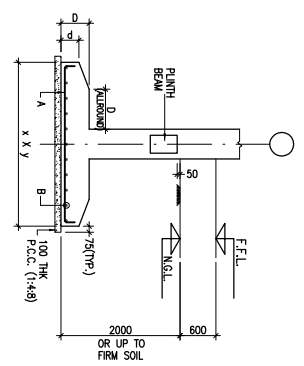
1. ALL DIMENSIONS ARE IN mm & LWS IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS. THE SLAB TOP LEVEL TO BE WORKED OUT SUABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
FOUNDATION = 50mm  
COLUMN = 40mm  
BEAM = 30mm  
SLAB = 25mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK AS PER IS:456-2000
6. ALL R/F BARS TO BE  $\phi$ 6300 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO BE PLANNED SUABLY AS PER SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR  $\phi$ .
9. SPC ASSUMED 120 kN/m<sup>2</sup> AT 2.0 METER BELOW N.G.L.

**FOOTING SCHEDULE**

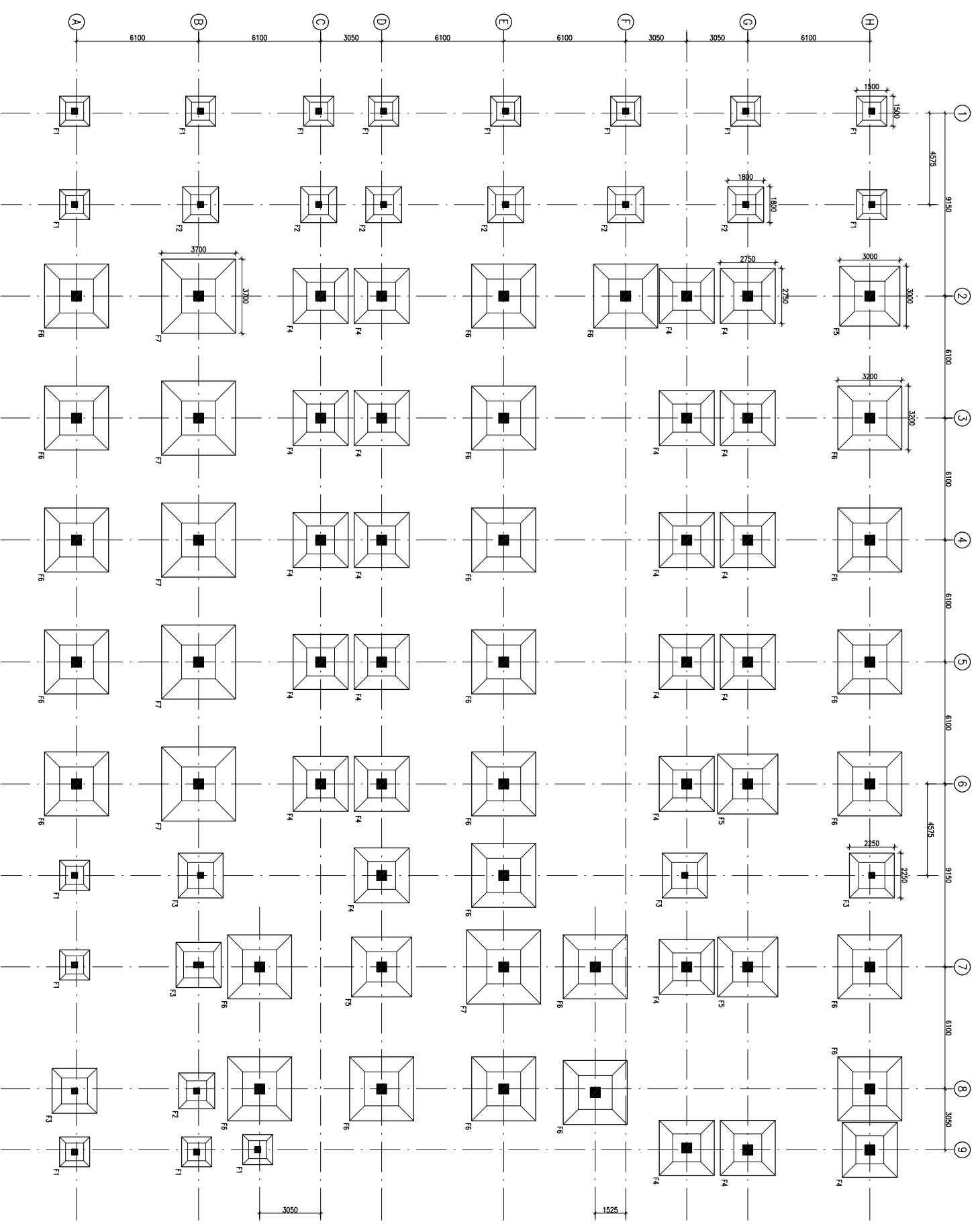
S.No	MDX. SIZE(X*Y)	THK. (D)	REMARKS
1	F1 1500x1500	200 300	TAPERED
2	F2 1800x1800	250 350	TAPERED
3	F3 2250x2250	250 450	TAPERED
4	F4 2750x2750	250 450	TAPERED
5	F5 3000x3000	300 550	TAPERED
6	F6 3000x3000	300 550	TAPERED
7	F7 3700x3700	300 600	TAPERED



TYPICAL DETAIL OF TAPERED FOOTING



SECTION 1-1



FOUNDATION LAYOUT PLAN

REV. DATE	DESCRIPTION
1	08.04.13 OVERALL REVISION AS PER ARCH.
0	27.02.13 FOR TENDER

**REVISION**

**PROJECT**

PROPOSED  
50 BEDDED HOSPITAL  
RMNCH PROJECT,  
CHATTISGARH

**TITLE**

FOUNDATION LAYOUT PLAN

**HSCC/RMNC/D&E/ST-T-101**

Drawing No. REV. 1

HSCC/RMNC 1:125 FEB-2013

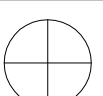
JOB No. SCALE DATE

APPROVED	REVIEWED	PREPARED

HSCC INDIA LTD.  
A GOVERNMENT OF INDIA ENTERPRISE

**HSCC**  
INDIA  
NEW DELHI

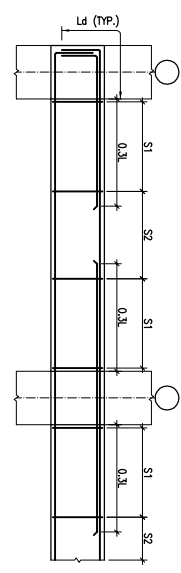




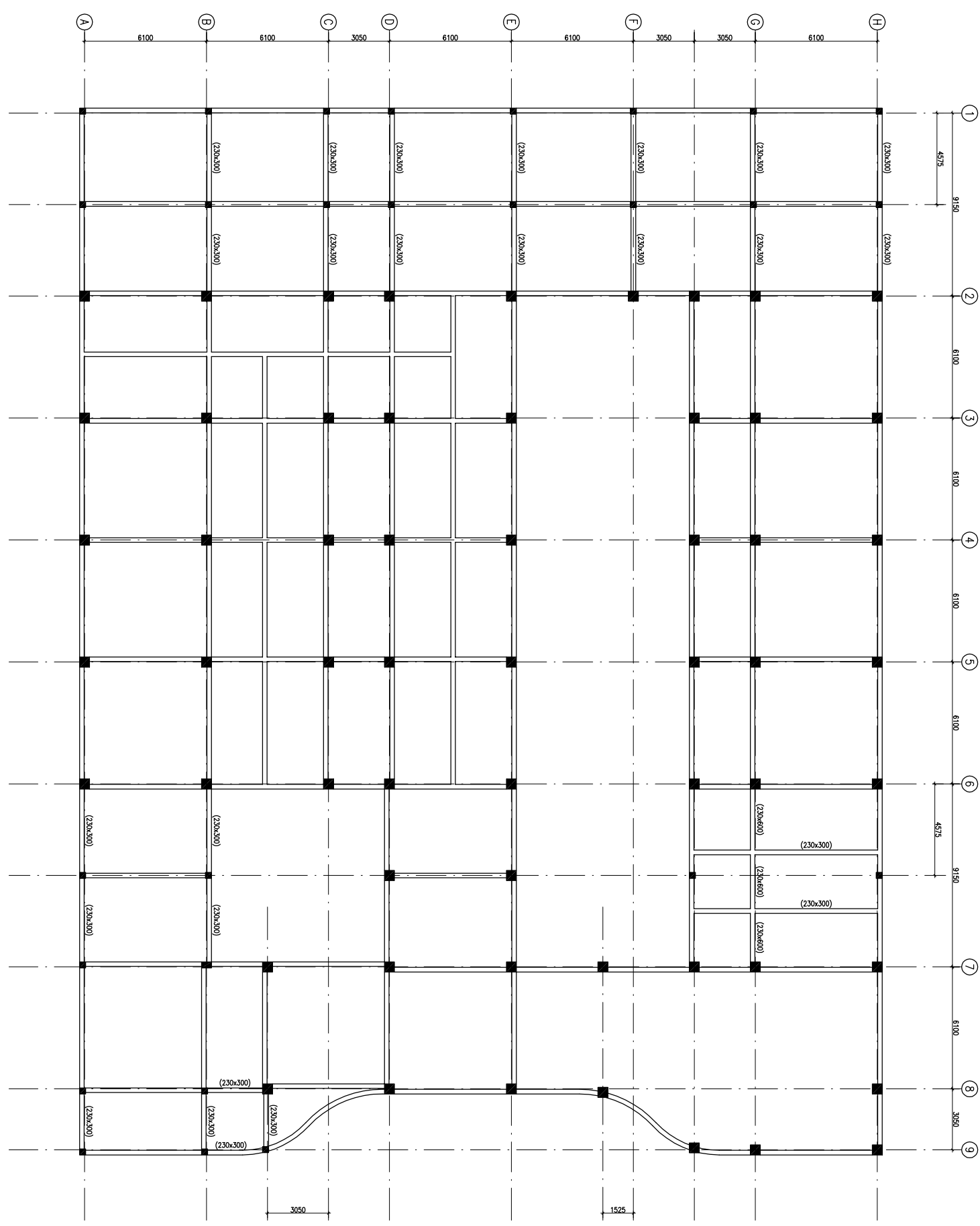
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**NOTES**

1. ALL DIMENSIONS ARE IN mm & LWS IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS. THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
FOUNDATION = 50mm  
COLUMN = 40mm  
BEAM = 30mm  
SLAB = 25mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK AS PER IS:456-2000
6. ALL R/F BARS TO BE  $\phi$ 6300 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO BE PLANNED SUITABLY AS PER SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR  $\phi$ .



TYP. BEAM R/F DETAILS



PLINTH BEAM FRAMING PLAN  
(ALL BEAMS SIZE 230x450 (MIN.))

REVISION	REVISION	DESCRIPTION
1	08.04.13	OVERALL REVISION AS PER ARCH.
0	27.02.13	FOR TENDER

**PROJECT**

PROPOSED  
50 BEDDED HOSPITAL  
RMNCH PROJECT,  
CHATTISGARH

**TITLE**

PLINTH BEAM FRAMING PLAN

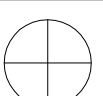
HSCC/RMNC/D&E/ST-T-103

Drawing No.	REV. 1
HSCC/RMNC	FEB-2013
JOB No.	SCALE
	DATE

APPROVED	REVIEWED	PREPARED
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**HSCC**  
INDIA  
NEW DELHI



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**NOTES**

1. ALL DIMENSIONS ARE IN mm & LWS IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS. THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
 FOUNDATION = 50mm  
 COLUMN = 40mm  
 BEAM = 30mm  
 SLAB = 25mm
5. CONC. MKD. TO BE M-25 FOR ALL RCC WORK AS PER IS:456-2000
6. ALL R/F BARS TO BE  $\phi$ 6300 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . ALL LAPS TO PLANNED SUITABLY AS PER SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR  $\phi$ .



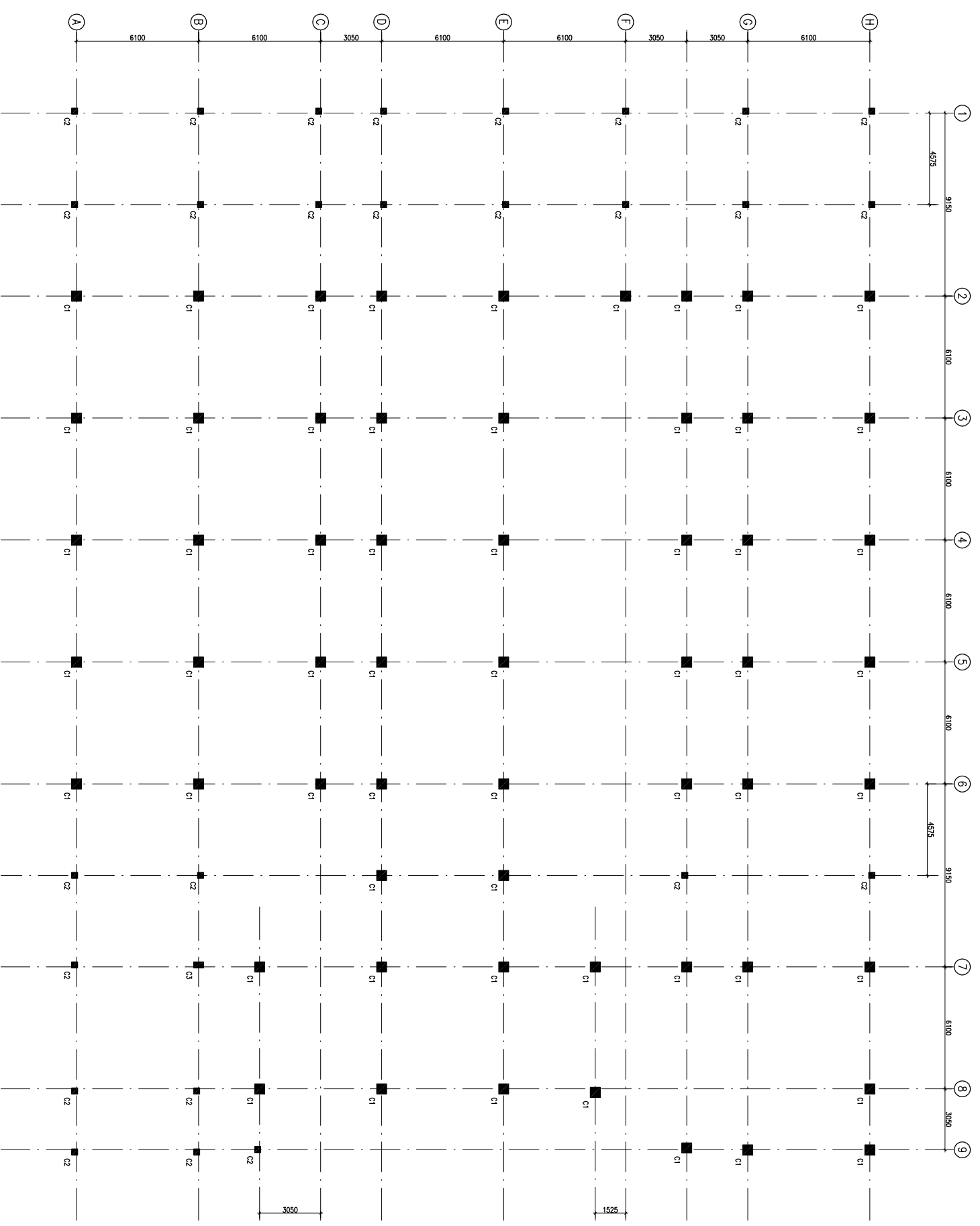
COLUMN MKD. C1



COLUMN MKD. C2



COLUMN MKD. C3



COLUMN LAYOUT PLAN

REVISION	REVISION	DESCRIPTION
1	08.04.13	OVERALL REVISION AS PER ARCH.
0	27.02.13	FOR TENDER

**PROJECT**

PROPOSED  
50 BEDDED HOSPITAL  
RMNCH PROJECT,  
CHATTISGARH

**TITLE**

COLUMN LAYOUT PLAN

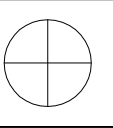
HSCC/RMNC/D&E/ST-T-102

Drawing No.	REV. 1
HSCC/RMNC	FEB-2013
JOB No.	SCALE
	DATE

APPROVED	REVIEWED	PREPARED
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HSCC INDIA LTD.  
A GOVERNMENT OF INDIA ENTERPRISE

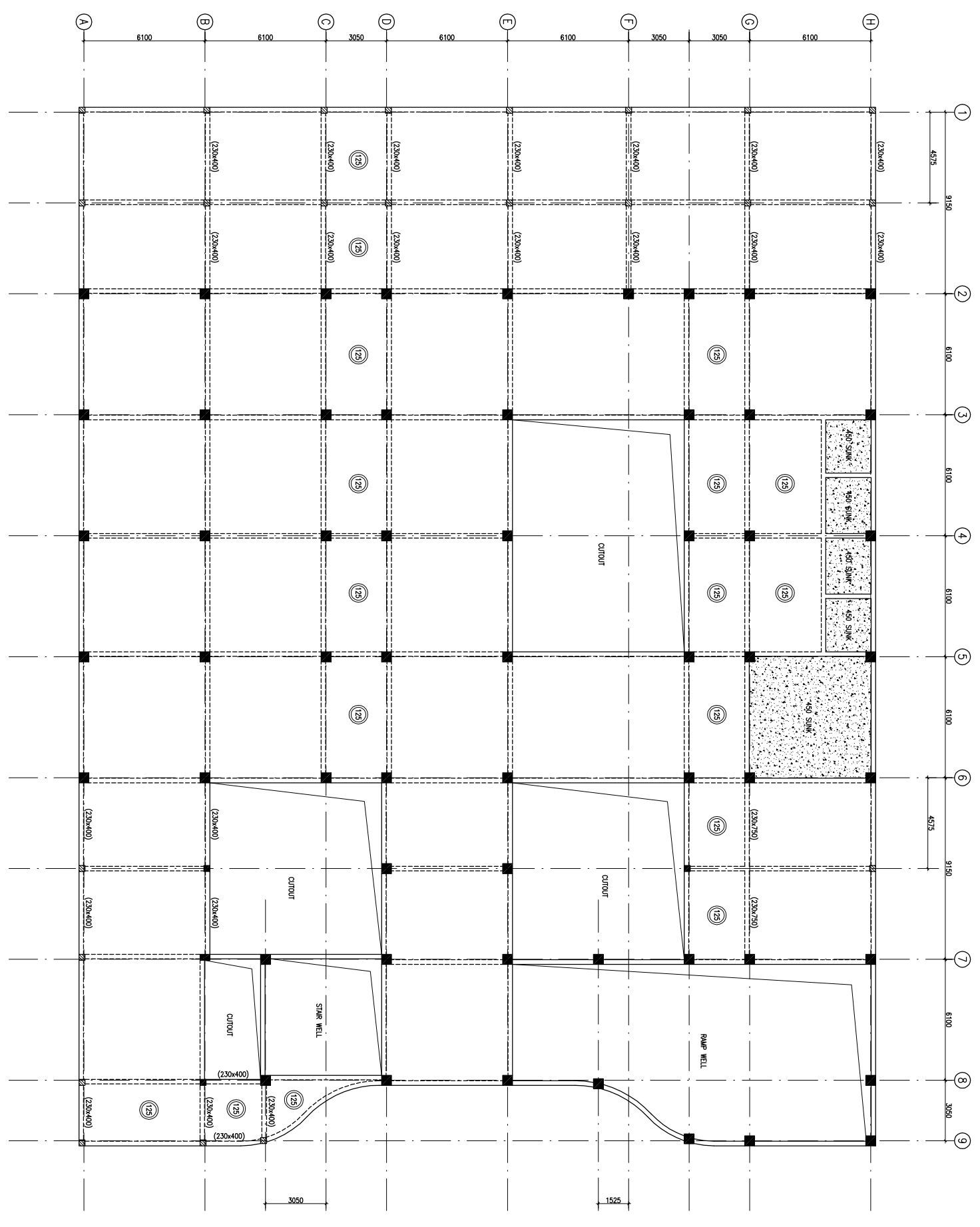
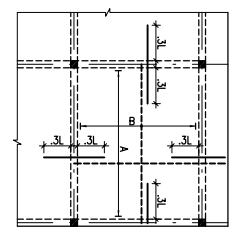
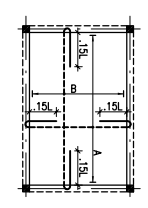
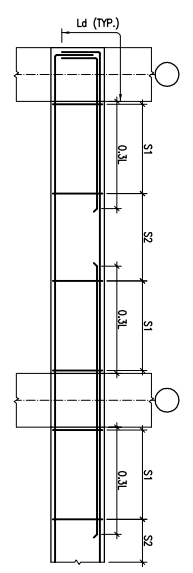
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INDIA  
NEW DELHI



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**NOTES**

1. ALL DIMENSIONS ARE IN mm & LVL'S IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS. THE SLAB TOP LEVEL TO BE WORKED OUT SUITABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
FOUNDATION = 50mm  
COLUMN = 40mm  
BEAM = 30mm  
SLAB = 25mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK AS PER IS:456-2000
6. ALL R/F BARS TO BE  $\phi$ 6300 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR  $\phi$ .



FIRST FLOOR BEAM FRAMING PLAN  
(ALL BEAMS SIZE 230x600 U.N.O.) & (SLAB THICKNESS 150mm U.N.O.)

REVISION	REVISION	DESCRIPTION
1	08.04.13	OVERALL REVISION AS PER ARCH.
0	27.02.13	FOR TENDER

**PROJECT**

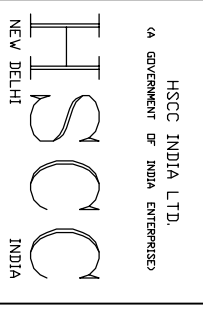
PROPOSED  
50 BEDDED HOSPITAL  
RMNCH PROJECT,  
CHATTISGARH

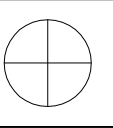
**TITLE**

FIRST FLOOR BEAM FRAMING PLAN  
HSCC/RMNC/D&E/ST-T-104

Drawing No.	REV. 1
HSCC/RMNC	FEB-2013
JOB No.	SCALE
	DATE

APPROVED	REVIEWED	PREPARED
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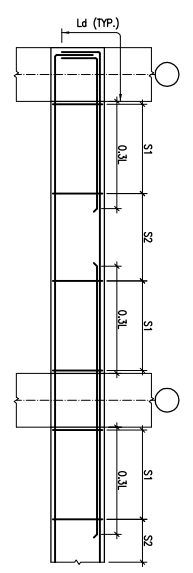




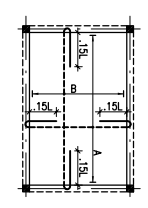
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**NOTES**

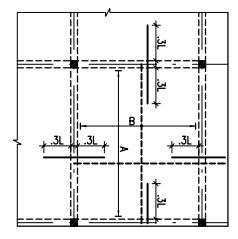
1. ALL DIMENSIONS ARE IN mm & LVLS IN m.
2. READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
3. FINISHED FLOOR LVL TO BE CONFIRMED AS/ARCH. DRGS. THE SLAB TOP LEVEL TO BE WORKED OUT SUABLY CONSIDERING FLOOR FINISH THICKNESS.
4. CLEAR COVER OF R/F TO BE AS BELOW:-  
FOUNDATION = 50mm  
COLUMN = 40mm  
BEAM = 30mm  
SLAB = 25mm
5. CONC. MIX. TO BE M-25 FOR ALL RCC WORK AS PER IS:456-2000
6. ALL R/F BARS TO BE  $\phi$ 6300 Mpa. HYSD OR TMT STEEL AS PER IS:1786.
7. ALL LAP LENGTHS = 50xSMALLER BAR  $\phi$ . SITE REQUIREMENT
8. DEVELOPMENT LENGTH = 50xBAR  $\phi$ .



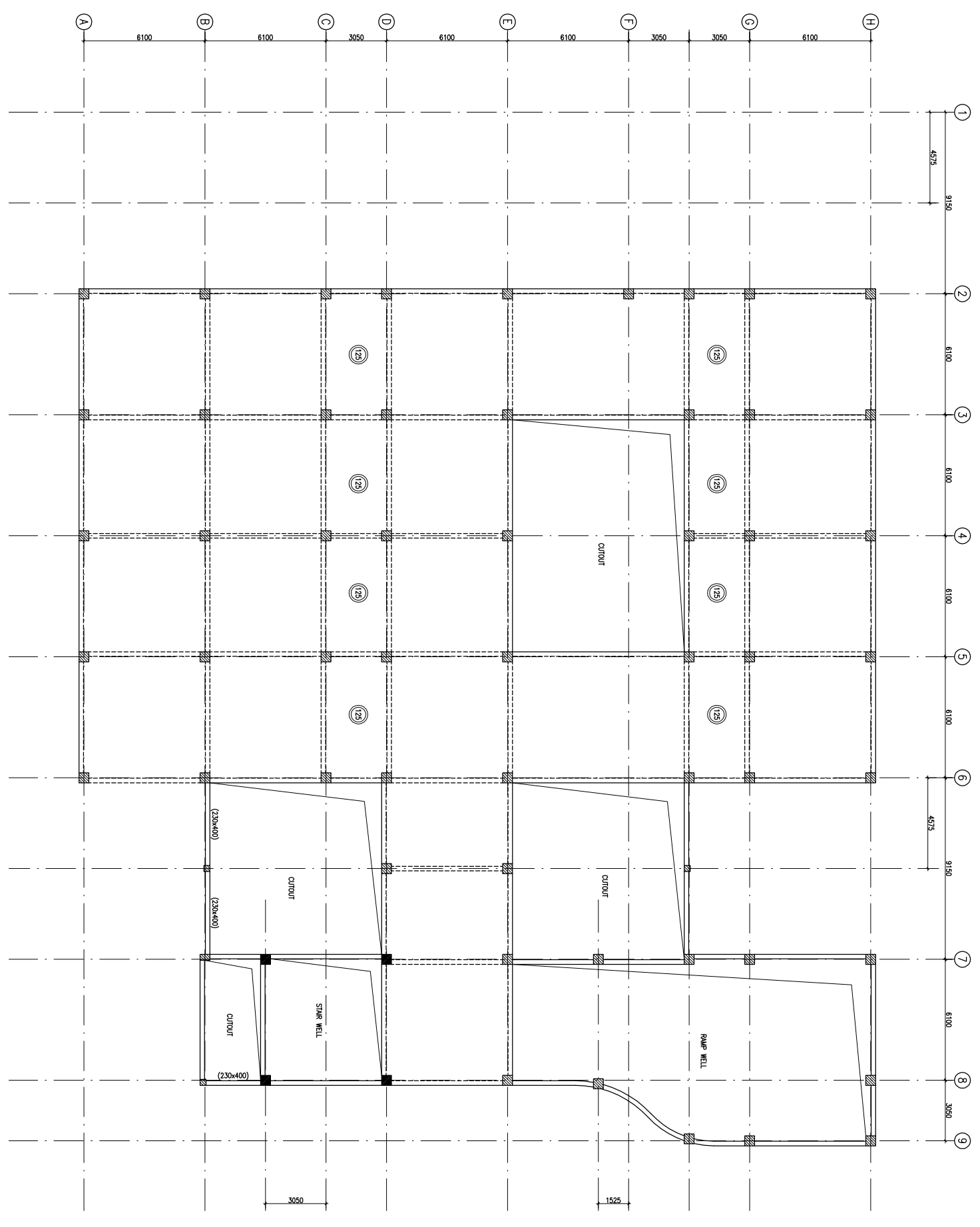
TYP. BEAM R/F DETAILS



TYP. SUNKEN SLAB R/F DETAIL



TYP. SLAB R/F DETAIL



TERRACE LVL. BEAM FRAMING PLAN  
(ALL BEAMS SIZE 230x400 UNO.) & (SLAB THICKNESS 150mm UNO.)

REVISION	REVISION	DESCRIPTION
1	08.04.13	OVERALL REVISION AS PER ARCH.
0	27.02.13	FOR TENDER

**PROJECT**

PROPOSED  
50 BEDDED HOSPITAL  
RMNCH PROJECT,  
CHATTISGARH

**TITLE**

TERRACE LVL. BEAM FRAMING PLAN  
HSCC/RMNC/DAE/ST-T-105

Drawing No.	REV. 1	
HSCC/RMNC	FEB-2013	
JOB No.	SCALE	
DATE	DATE	
APPROVED	REVIEWED	PREPARED

